

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : Group Art Unit: 1631
:
Grassy et al. : Examiner: Zeman, M
:
Application No. 09/359,181 :
:
Filed: July 22, 1999 :
:
For: METHOD FOR THE PROVISION, :
IDENTIFICATION AND DESCRIPTION :
OF MOLECULES CAPABLE OF :
EXHIBITING A DESIRED BEHAVIOUR, :
MORE PARTICULARLY IN THE :
PHARMACEUTICAL SECTOR, AND :
MOLECULES OBTAINED BY SAID :
METHOD :

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the Office Action dated September 15, 2000, please amend the application as follows:

In the Claims:

Amended claims 1, 2, 4, 5, 8-10, 12, 15-18 as follows:

1. (Once Amended) A computer-aided method for the provision, identification and description of molecules exhibiting a desired behaviour, employing a molecular modelling step, a combinatorial library building step and a step of selecting potentially useful molecules, wherein said method includes a step whereby the candidate molecules are filtered [using a] using at least one static filter representing a plurality of descriptors[and or using at least one dynamic filter representing constraints of conformational variations which the molecules must satisfy in order to exhibit said activity].
2. (Once Amended) A computer-aided method for the provision, identification and description of molecules exhibiting a desired behaviour according to claim 1, wherein it includes a [preliminary step of static filtering to reduce the number of candidate molecules and for a subsequent dynamic filtration step.] further step of using at least one dynamic filter representing constraints of conformational variations which the molecules must satisfy in order to exhibit said activity.